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November 6, 2009

Marlene H. Dortch, Secretary  
Federal Communications Commission  
445 12<sup>th</sup> Street, SW  
Washington, DC 20554

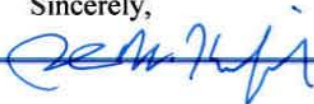
Re: GN Dockets Nos. 09-51  
Ex Parte Notice

Ms. Dortch:

On Wednesday, November 4, 2009, Ken Budkha, Tewfik Doumi and I from Alcatel-Lucent had a conversation with David Vorhaus and Nicholas Maynard of the Federal Communications Commission ("FCC") concerning network performance requirements for IP applications. In response to this conversation, I forwarded the attached information to Mr. Vorhaus and Maynard today.

If you have any questions concerning this filing, please do not hesitate to contact me on 202-312-5901. Thank you.

Sincerely,



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Attachment

**Kenefick, Paul (Paul)**

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**From:** Kenefick, Paul (Paul)  
**Sent:** Friday, November 06, 2009 10:30 AM  
**To:** 'Dave.Vorhaus@fcc.gov'  
**Cc:** Nicholas Maynard  
**Subject:** Alcatel-Lucent Ex Parte in response to FCC Inquiry

Dave / Nicholas:

From our conversation with Ken Budkha and Tewfik Doumi of Bell Labs on Wednesday, Nov. 4, please see the following:

Q: The primary thing we were interested in talking with you about was whether ALU has any existing information on business applications and their associated bandwidth and network performance requirements, such as latency, jitter, or packet loss (applications of interest are things like VoIP, ERP, CRM, storage, etc).

A: ITU-T Y.1541 (an ITU standard – see link below) lists delay, jitter and loss requirements for IP applications.

Table 1 lists delay, jitter and loss requirements for different 5 different application classes.

Table 2 gives examples of how IP applications map to the 5 classes

<http://www.itu.int/rec/T-REC-Y.1541/en>

I will file this email with ECFS today. Please let me know if you have any questions or comments.

Thank you.

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